

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-28
Relating to Approval of New Motor Vehicles

GENERAL MOTORS CORPORATION

Pursuant to the authority vested in the Air Resources Board by Sections 39150 and 39151 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Section 39023 of the Health and Safety Code and Executive Order G-45-1;

IT IS ORDERED AND RESOLVED: That General Motors Corporation exhaust emission control systems for 1975 model-year passenger cars are approved for the engine family described below:

Engine Family: 41E23/0

Engine: 231 CID

Transmission: 3-speed automatic

Exhaust Emission Control Systems: Exhaust gas recirculation, early fuel evaporation, and oxidation catalyst

Models: Buick

Skylark Coupe
Skylark Hatchback
Apollo Sedan
Skylark SR Coupe
Skylark SR Hatchback
Apollo SR Sedan
Century Special Coupe
Century Custom Coupe
Century Custom Sedan
Century Coupe
Century Sedan
Regal Coupe
Regal Sedan
Skyhawk

Oldsmobile

Starfire

The following are the recommended values to be listed on the window decal required by California Assembly-Line Test Procedures for 1975 model vehicles:

<u>Engine Family</u>	<u>Hydrocarbons Grams per Mile</u>	<u>Carbon Monoxide Grams per Mile</u>	<u>Nitrogen Oxides Grams per Mile</u>
41E23/0	0.8	8.3	2.0

Vehicles approved under this Executive Order must conform to all applicable California emission regulations.

The Department of Motor Vehicles, the California Highway Patrol, and the Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California, this 23 day of August, 1974.



G. C. Hass, Chief
Division of Vehicle
Emissions Control

AIR RESOURCES BOARD
SUPPLEMENTAL INFORMATION
1975 MODEL YEAR

Revised: Nov. 7, 1974
Nov. 20, 1975 R.C. 169 (Rev. 5/1/75)
Feb. 3, 1975

☒ PASSENGER CARS

☐ LIGHT-DUTY TRUCKS March 14, 1975 R.C. 156

MANUFACTURER: DIVISION OF GENERAL MOTORS CORP.

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Engine Family	Vehicle Models (If coded see attachment)	Engine CID	Trans.	Inertia Weight	Distributor		Fuel System		Emission Control System		Tune-up Specifications		
					Mfgr. Part No.	Type	Mfgr. Part No.	Type	<input type="checkbox"/> OC <input type="checkbox"/> TR	EGR	Idle RPM	Basic Timing	Idle, Mixture
41E23/0	4XB27	231	A-3	4000	1110651 1110661 (R.C. 146)	2 bb1	7045448	EGR OC EFE	6498369 No Service	17052285 No Service 17052142 (R.C. 71)	700 (Drive)	120 BTDC @700 RPM (Drive)	Factory Preset
	4XB17												
	4XB69												
	4XC27												
	4XC17												
41E23/0	4XC69	231	A-3	3500	1110651 1110661 (R.C. 146)	2 bb1	7045449	EGR OC	6498369 No Service	17052140 No Service 17052285 (R.C. 78) 7044037 (R.C. #141)	650 (Drive)	120 BTDC @650 RPM (Drive)	Factory Preset
	4XM27												
	(R.C. #156)												
	4AE37												
	3HD07												
41E23/0	3HT07	231	A-3	3500	1110651 1110661 (R.C. 146)	2 bb1	7045449	EGR OC	6498369 No Service	17052140 No Service 17052285 (R.C. 78) 7044037 (R.C. #141)	650 (Drive)	120 BTDC @650 RPM (Drive)	Factory Preset
	(R.C. #156)												
	4HS07												
	4HT07												
	(R.C. #156)												
41E23/0	3HD07	231	A-3	3500	1110651 1110661 (R.C. 146)	2 bb1	7045449	EGR OC	6498369 No Service	17052140 No Service 17052285 (R.C. 78) 7044037 (R.C. #141)	650 (Drive)	120 BTDC @650 RPM (Drive)	Factory Preset
	4HS07												
	4HT07												
	(R.C. #156)												
	3HD07												
41E23/0	4HS07	231	A-3	3500	1110651 1110661 (R.C. 146)	2 bb1	7045449	EGR OC	6498369 No Service	17052140 No Service 17052285 (R.C. 78) 7044037 (R.C. #141)	650 (Drive)	120 BTDC @650 RPM (Drive)	Factory Preset
	4HT07												
	(R.C. #156)												
	3HD07												
	4HS07												
41E23/0	4HT07	231	A-3	3500	1110651 1110661 (R.C. 146)	2 bb1	7045449	EGR OC	6498369 No Service	17052140 No Service 17052285 (R.C. 78) 7044037 (R.C. #141)	650 (Drive)	120 BTDC @650 RPM (Drive)	Factory Preset
	(R.C. #156)												
	3HD07												
	4HS07												
	4HT07												

Abbreviations:

Distributor

C - Centrifugal Advance
V - Vacuum Advance
VR - Vacuum Retard

Exhaust Emission Control System

AI - Air Injection
EFI - Electronic Fuel Injection
EGR - Exhaust Gas Recirculation
EM - Engine Modifications

Evaporative Control System

FI - Fuel Injection
OC - Oxidation Catalyst
RC - Reduction Catalyst
TR - Thermal Reactor
CAN - Charcoal Canister Storage
TS - Tank Storage
*Service
I - Inspect, repair/replace as needed
R - Replace

AIR RESOURCES BOARD
SUPPLEMENT, INFORMATION

1975 MODEL YEAR

☒ PASSENGER CARS☐ LIGHT DUTY TRUCKSRevised Feb. 3, 1975
R.C. 156 (Rev. March 14, 1975)

BUICK DIVISION OF GENERAL MOTORS CORP.

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Engine Family	Vehicle Models (Refer to Attachment for code)	Engine CID	Trans.	Inertia Weight	Distributor		Fuel System		Emission Control System		Tune-up Specifications			
					Type	Mfg. Part No.	Type	Mfg. Part No.	Type	Oxidizing Catalyst Part No. Service*	ECR Part No. Service*	Idle RPM	Basic Timing	Idle Mixture
41E23/0	4HS07 4HT07 (RC #156)	231	M-4 (RC#44)	3500	HEI C, V	1110663	2 Bbl.	7045447	EGR OC EFE	6498369 No Service	17052284 No Service	800 (Neutral)	5° BTDC @ 800 RPM (Neutral)	Factory Preset
41E23/0	3HD07 3HT07 (RC #156)	231	M-4 (RC#44)	3500	HEI C, V	1110663	2 Bbl.	7045447	EGR OC EFE	6498369 No Service	17052284 No Service	800 (Neutral)	5° BTDC @ 800 RPM (Neutral)	Factory Preset

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ABBREVIATIONS:

Distributor

C - Centrifugal Advance
V - Vacuum Advance
VR - Vacuum Retard
HEI - High Energy Ignition

Exhaust Emission Control System

AIR - Air Injection Reactor
EFI - Electronic Fuel Injection
EGR - Exhaust Gas Recirculation
OC - Oxidation Catalyst
EFE - Early Fuel Evaporation

Evaporative Control System

CAN - Charcoal Canister Storage

Service*

I - Inspect, repair/replace as needed
R - Replace

**AIR PURGES BOARD
SUPPLEMENTAL INFORMATION**

1975 MODEL YEAR

☒ PASSENGER CARS☐ LIGHT DUTY TRUCKS

Oldsmobile DIVISION OF GENERAL MOTORS CORP.

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Engine Family	Vehicle Models (Refer to Attachment for code)	Engine CID	Trans.	Inertia Weight	Distributor		Fuel System		Emission Control System			Tune-up Specifications	
					Type	Mfr. Part No.	Type	Mfr. Part No.	Type	Oxidizing Catalyst Part No. Service*	ECR Part No. Service*	Idle RPM	Basic Timing
41E23/0	3HD07	231	A-3	3500	HEI C, V	1110651	2 bbl	7045449	EGR OC EFE	6498369 No Service	17052140	650 (Drive)	12° BTDC @ 650 rpm (Drive)

ABBREVIATIONS:Distributor

C - Centrifugal Advance

V - Vacuum Advance

VR - Vacuum Retard

HEI - High Energy Ignition

Exhaust Emission Control System

AIR - Air Injection Reactor

EFI - Electronic Fuel Injection

EGR - Exhaust Gas Recirculation

OC - Oxidation Catalyst

Evaporative Control System

CAN - Charcoal Canister Storage

*Service

I - Inspect, repair/replace as needed

R - Replace

ATTACHMENT I Page 4

SUPPLEMENTARY INFORMATION FORM
(41E23/0)

<u>Model Name</u>	<u>Model Number</u>
Skylark 'S'	4XW27 (RC156)
Skylark Coupe	4XB27
Skylark Hatchback	4XB17
Apollo Sedan	4XB69 (Corrected, was 4XC69)
Skylark SR Coupe	4XC27
Skylark SR Hatchback	4XC17
Apollo SR Sedan	4XC69
Century Special Coupe	4AE37
Skyhawk	4HS07
Starfire	3HD07
Skyhawk 'S'	4HT07 (RC156)
Starfire 'S'	3HT07 (RC156)